



CLAIMS FOR FOREIGN FILING

What is claimed is:

1. A management system for shipment of goods, the system comprising:
a network for retrieving shipment data (72), geographical positioning data and real-time weather data (88); and
an emergency assessment module (90) for projecting emergency conditions likely to be created in the event of an emergency condition of the goods as a function of retrieved data.
2. The system of Claim 1 further comprising:
an optimal route module for determining a suggested geographical positioning route.
3. The system of Claim 2 wherein the suggested geographic positioning route is based upon risk analysis.
4. The system of Claim 1 further comprising:
a notification module (98) for automatically transmitting an emergency message based on an anticipated plume dispersion model (94).
5. The system of Claims 1 or 2 wherein the emergency assessment module calculates an anticipated plume dispersion model (94) of the goods.

6. The system of Claims 1 or 5 further comprising:
a sensor (26) for monitoring the shipment, the sensor (26) detects the emergency condition.
7. The system of Claim 1 wherein the emergency assessment module calculates a recommended response to the emergency condition.
8. The method of Claims 1 or 5 wherein the emergency assessment module determines a projected plume dispersion model (94) related to the emergency condition, the dispersion is calculated based on shipment data (72), geographic positioning data, geospatial data (74) and real-time weather data (88).
9. The method of Claim 8 wherein projection of the emergency conditions is based on the projected plume dispersion model (94).
10. The method of Claim 8 wherein projection of the emergency conditions is transmitted to the users.